

RETI Stakeholder Steering Committee Meeting

DRAFT Minutes

California Energy Commission

October 7, 2010

Rich Ferguson announced that Carl Zichella has moved to NRDC and there is an open environmental seat on the SSC. Interested parties should contact Rich and submit a letter request that will be subject to approval by the SSC. Carl Linvill indicated that he would be transitioning out of RETI over the next few months in order to focus more on western interconnection activities. The September meeting minutes were approved.

Carl Linvill moderated a panel presenting information on western regional activities:

Dave Olsen of Western Grid Group (WGG) provided an overview of regional and subregional groups. WGG is developing a clean energy vision (2020 and 2050) for the Western U.S. Dave provided background on WECC's Regional Transmission Expansion Plan (10-year and 20-year) structure, goals, efforts and membership.

Jeff Miller of Columbia Grid (planning entity formed in 2006) provided information on load, resources and transmission capacity for winter and summer conditions (principally Oregon and Washington). The ability to send power to California in the summer is constrained. Northwest and California wind may be good matches in terms of reliability.

Ed Higginbotham of BC Hydro discussed BC's intent to achieve energy self-sufficiency by 2016 pursuant to the 2010 Clean Energy Act. This Act allows BC Hydro to purchase energy for export. BC Hydro expects to have surplus energy available for export by 2020. The proposed Canada-Northern California (CNC) (AC to Oregon border, then DC to SF Bay Area) Transmission Line would facilitate this export.

Brian Whalen discussed Sierra Subregional Planning Group (SSPG) activities. He provided maps showing renewable generation locations and MW potential. Transmission line options were identified. The SSPG 2010 study indicates that a double circuit 500-kV line from Tesla to Eldorado would provide flexibility to move energy south or west from northern Nevada resources. The SWIP line would capture eastern Nevada resources.

John Leland discussed Northern Tier Transmission Group (NTTG) activities. Wind potential maps and MW potential were presented, as well as various transmission projects accessing the resources. The subregional groups have both formal and informal coordination.

Chuck Russell described Southwest Area Transmission planning. The greatest activity centers around the Mead, Eldorado and McCullough hubs. Given the various lines proposed and under evaluation, 18 GW

could come in to Eldorado Valley with 6-8 GW going out (to SoCal). This does not consider renewable energy generation projects in the Eldorado Valley.

Rich Ferguson presented a proposed heavy SW import scenario that was requested by the CTPG for its Phase 4 modeling effort. Rich walked through the major issues that comprise the proposed scenario:

- Amount of SW energy to be imported – proposal was 40%
- Locations of portals (CA entry points) – Eldorado, Palo Verde, North Gila
- Resource mix of imports – Eldorado with 50% (half solar, half wind) and PV and NG with 25% each (half solar, half wind). Black and Veatch will use this information to identify capacity, profiles.
- Net short - use discounted core used in heavy in-state scenario, filled in with projects from lower left quadrant

More discussion followed after a lunch break. Mike Deis discussed CTPG's desire to have a heavy SW scenario that would complement the 20+ other scenarios that have been run. This scenario would be presented in the Phase 4 Study Plan (10/14), followed by a stakeholder call (10/20), draft Phase 4 report/Draft 2020 Plan (11/22), and Final Statewide Transmission Plan by 12/25. The 2010 Plan will include high potential transmission lines, upgrades.

SSC discussion centered on the following:

- Should scenario be renamed West of River Path/Path 46 stress case since it focuses on that path? Decision was to keep the Heavy SW Import name.
- Discounted core is from early 2010 and does not include many of the ARRA projects, in particular Riverside East projects. CTPG Phase 3 used a more recent discounted core that CPUC had provided to CAISO. Rich will compare how CAISO's list compares with the most recent CPUC information and discuss with Anne [Gillette] Mills of CPUC and with DRA. The Riverside East projects may provide more stress on the system.
- Wind from Baja is not included. It was decided to remove wind from North Gila (import level now 12.5%) and to move that wind to Palo Verde (import level now 37.5%).

Angela Tanghetti presented information on how various entities (including the CEC) were calculating the renewable net short. Results range from 45,000 GWh to 65,000 GWh. The Energy Commission will provide a paper (by mid-late October) outlining options for net-short variables.¹ The SSC meeting on 12/3 will discuss the paper. Angela requested RETI participation in an IEPR Committee Workshop on 12/13 on the topic. Angela also described the Energy Commission's approach to redispatch and how it differs from that used by CTPG.

¹ On 11/08/2010 the Electricity Analysis Office (EAO) indicated that the paper is now targeted for posting on 11/29/2010.

Anne Mills provided an update on CPUC activities. CPUC is revising the draft methodology/scenarios for the 33% RPS in the Long Term Procurement Plan (LTPP) proceeding. Final scenarios may be out by the end of October.

No SSC meeting is planned for November. The next meeting will be December 3 in Sacramento (Energy Commission).